

IN THE CLAIMS

Please amend the claims as follows:

1. (original) A multi-stack optical data storage medium for recording using a focused radiation beam having a wavelength  $\lambda$  and entering through an entrance face of the medium during recording, comprising at least:
  - a first substrate with present on a side thereof:
  - a first recording stack named  $L_0$ , comprising a recordable type  $L_0$  recording layer, and a first reflective layer present between the  $L_0$  recording layer and the first substrate,
  - a second substrate with present on a side thereof:
  - a second recording stack named  $L_1$  comprising a recordable type  $L_1$  recording layer having a thickness  $t_{RL1}$  and a complex refractive index  $n_\lambda - i \cdot k_\lambda$  at the wavelength  $\lambda$ , a second reflective layer present adjacent the  $L_1$  recording layer at a side most remote from the entrance face, and said second recording stack  $L_1$  being present at a position closer to the entrance face than the  $L_0$  recording stack,
  - a spacer layer, transparent for the radiation beam, sandwiched between the recording stacks, said transparent spacer layer having a thickness substantially larger than the depth of focus of the focused radiation beam,

characterized in that the second reflective layer mainly comprises the metal Cu and has a thickness  $t_{MLn}$  selected from the range of 8 - 20 nm and the thickness  $t_{RL1}$  and  $k_{\lambda}$  of the recordable  $L_1$  recording layer fulfils the formula  $t_{RL1} * k_{\lambda} \leq 8$  nm.

2. (original) A multi-stack optical data storage medium according to claim 1, wherein the recordable type  $L_1$  recording layer comprises an organic dye.
3. (original) A multi-stack optical data storage medium according to claim 2, wherein  $t_{RL1}$  is selected from the range of 70 - 125 nm.
4. (original) A multi-stack optical data storage medium according to claim 2, wherein a first auxiliary layer, transparent for the radiation beam and with a thickness smaller than 15 nm, is present sandwiched between the second reflective layer and the spacer layer.
5. (currently amended) A multi-stack optical data storage medium according to claim 2~~or 4~~, wherein a second auxiliary layer, transparent for the radiation beam and with a thickness smaller than 15 nm, is present sandwiched between the second reflective layer and the  $L_1$  recording layer.

6. (currently amended) A multi-stack optical data storage medium according to claim 4 ~~or~~ 5, wherein the auxiliary layer comprises a material selected from the group of oxides and nitrides of silicon.

7. (currently amended) Use of an optical data storage medium as claimed in ~~any one of the preceding claims~~ claim 1 for multi stack recording wherein the second recording stack  $L_1$  has a reflectivity level of more than 18% and a transmission level of more than 50%.